

Contact insert - VC-AMS 4 - 1607745

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Contact insert module, for panel mounting frames, with screw connection, 3-pos. + PE, 690 V / 70 A

The illustration shows the product version VC-AMS 4

Why buy this product

- Compact design
- Proven COMBICON technology
- Universal connection
- Can be keyed to prevent incorrect connection

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	5 STK
GTIN	 4 017918 969196
GTIN	4017918969196
Weight per Piece (excluding packing)	48.480 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Note	Connectors may only be connected/disconnected when under no load.
Connection method	Screw connection
	Screw connection
Tightening torque	1.2 Nm ... 1.8 Nm

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Technical data

General

Degree of pollution	3
Overvoltage category	III
Number of positions	3+PE
No. of power contacts	4
Insertion/withdrawal cycles	≥ 50
Size	VC2
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 16 mm ²
Connection cross section AWG	20 ... 5
Stripping length of the individual wire	12 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
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Material data

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	hard-silver plated
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	690 V
Rated surge voltage	6 kV
	6 kV
Rated current	70 A
	70 A

Standards and Regulations

Connection in acc. with standard	IEC / EN
	CUL
Flammability rating according to UL 94	V0

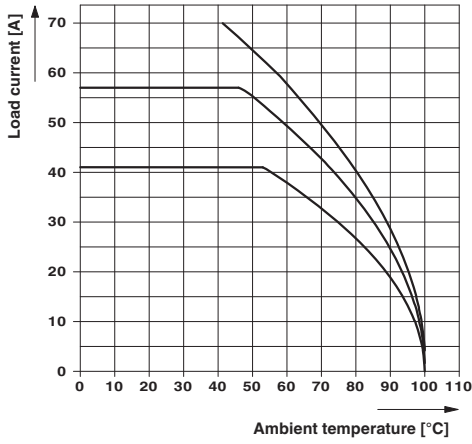
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

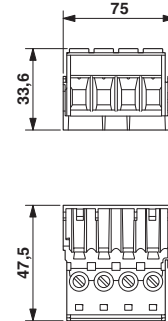
Drawings

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Diagram

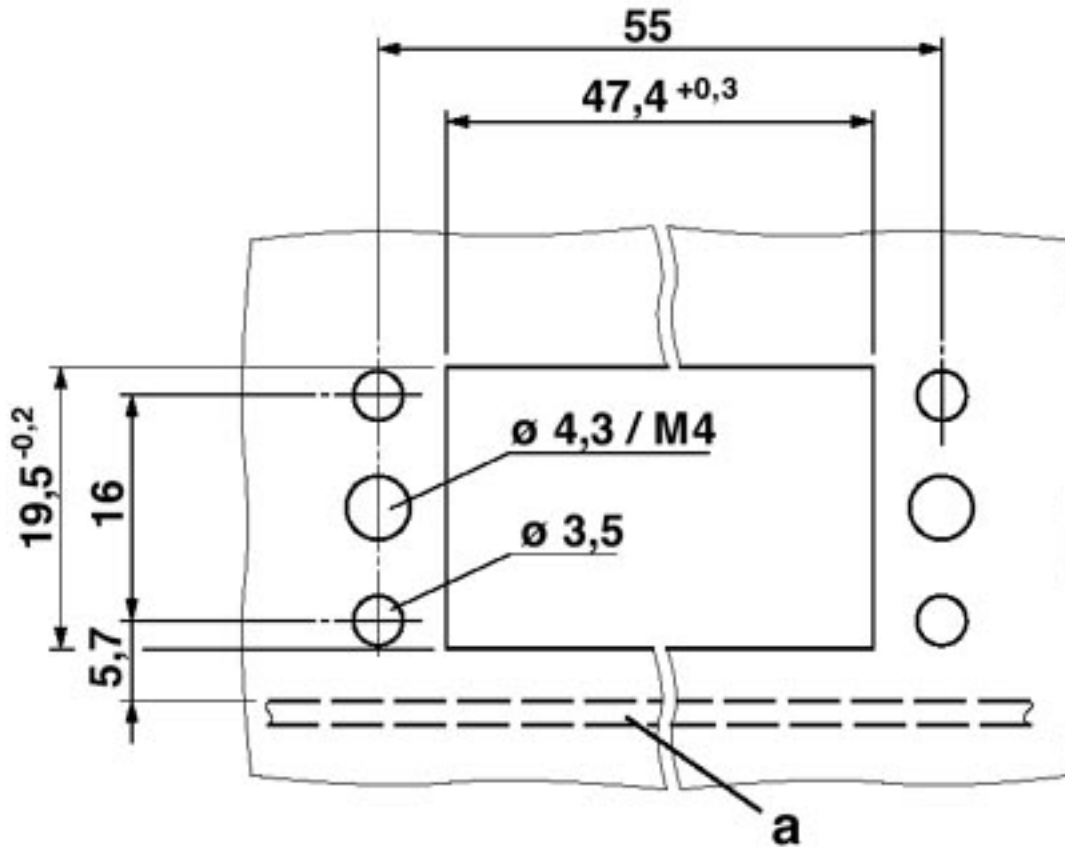


Dimensional drawing



Contact insert

Dimensional drawing



Panel cutout

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Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm ² /AWG/kcmil	20-6		
Nominal current IN	55 A		
Nominal voltage UN	600 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm ² /AWG/kcmil	20-6		
Nominal current IN	45 A		
Nominal voltage UN	600 V		

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Coding element

Coding profile - CP-HCC 4 - 1600027

Coding profile, Number of positions: 1, Color: red

